

1. (Amended) A method for aiding a user who is viewing a program airing on a current channel in identifying another program to view, comprising:

monitoring the program airing on the current channel;

determining at least one program attribute of the program airing on the current channel;

a2 identifying program listings for programs that are suggested based only on the at least one program attribute of the program airing on the current channel; and

allowing the user to browse the program listings for the suggested programs by displaying the program airing on the current channel and simultaneously displaying a display region containing at least one of the program listings.

a3 3. (Amended) The method of claim 1 wherein the program attribute is selected from the group consisting of program title, program actors, program duration, program genre, program channel, scheduled program duration, program rating, and program content rating.

a4 10. (Amended) The method of claim 1 wherein identifying comprises:

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training a neural network using as
training stimuli at least the determined program
attributes; and

applying attributes of available programs
to the trained neural network to identify program
listings.

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17. (Amended) The method of claim 1 wherein the
displaying further comprises displaying an on-screen
confirmation portion confirming that user program
identifying is being aided.

26. (Amended) The method of claim 1 further
comprising allowing the user to select to use at least
one attribute of the program airing on the current
channel in identifying program listings.

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27. (Amended) A system for aiding a user who is
viewing a program airing on a current channel in
identifying another program to view, comprising:

means for monitoring the program airing on
the current channel;

means for determining at least one program
attribute of the program airing on the current channel;

means for identifying program listings for
programs that are suggested based only on the at least

one program attribute for the program airing the current channel; and

means for allowing the user to browse the program listings for the suggested programs by displaying the program airing on the current channel and simultaneously displaying a display region containing at least one of the program listings.

29. (Amended) The system of claim 27 wherein the program attribute is selected from the group consisting of program title, program actors, program duration, program genre, program channel, scheduled program duration, program rating, and program content rating.

36. (Amended) The system of claim 27 wherein said means for identifying comprises:

means for training a neural network using as training stimuli at least the determined program attributes; and

means for applying attributes of available programs to the trained neural network to identify program listings.

52. (Amended) The system of claim 27 further comprising means for allowing the user to select to use

at least one attribute of the program airing on the current channel in identifying program listings.

53. (Amended) A system for aiding a user who is viewing a program airing on a current channel in identifying another program to view, comprising:

user television equipment on which an interactive television program guide is at least partially implemented, wherein the user television equipment is configured to monitor the program airing on the current channel, determine at least one program attribute of the program airing on the current channel, and identify program listings for programs that are suggested based only on the at least one program attribute for the program airing on the current channel, and the user television equipment is further configured to allow the user to browse the program listings for the suggested programs by displaying the program airing on the current channel and simultaneously displaying a display region containing at least one of the program listings.

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55. (Amended) The system of claim 53 wherein the program attribute is selected from the group consisting of program title, program actors, program duration, program genre, program channel, scheduled

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program duration, program rating, and program content
rating.

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62. (Amended) The system of claim 53 wherein
the user television equipment is further configured to
train a neural network using as training stimuli at least
the determined program attributes and is further
configured to apply attributes of available programs to
the trained neural network to identify program listings.

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78. (Amended) The system of claim 52 wherein
the user television equipment is further configured to
allow the user to select to use at least one attribute of
the program airing on the current channel in identifying
program listings.

A marked-up version of the claims showing
changes made is attached hereto as Appendix C.

Please add the following new claims 178-206:

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178. (New) Machine-readable media for use in a
system in which an interactive television program guide
is at least partially implemented on user television
equipment, wherein the media is encoded with machine-
readable instructions for performing the method

comprising:

monitoring the program airing on the
current channel;

determining at least one program attribute
of the program airing on the current channel;

identifying program listings for programs
that are suggested based only on the at least one program
attribute of the program airing on the current channel;
and

allowing the user to browse the program
listings for the suggested programs by displaying the
program airing on the current channel and simultaneously
displaying a display region containing at least one of
the program listings.

179. (New) The machine-readable media of claim
178 wherein the determining comprises determining whether
the program airing on the current channel has been viewed
for a predetermined period.

180. (New) The machine-readable media of claim
178 wherein the program attribute is selected from the
group consisting of program title, program actors,
program duration, program genre, program channel,
scheduled program duration, program rating, and program
content rating.

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181. (New) The machine-readable media of claim 178 further encoded with machine-readable instructions for:

displaying available program attributes;
and

allowing the user to select which
available program attributes are to be used in
identifying program listings.

182. (New) The machine-readable media of claim 178 wherein the identifying further comprises identifying program listings based on plural program attributes.

183. (New) The machine-readable media of claim 178 further encoded with machine-readable instructions for associating a user-selectable weight with each program attribute.

184. (New) The machine-readable media of claim 183 wherein the identifying comprises identifying the program listing based on the plural determined attributes and associated weights.

185. (New) The machine-readable media of claim 178 wherein identifying comprises:

training a neural network using as training stimuli at least the determined program attributes; and

applying attributes of available programs to the trained neural network to identify program listings.

186. (New) The machine-readable media of claim 185 further encoded with machine-readable instructions for calibrating the trained neural network to match viewing interests.

187. (New) The machine-readable media of claim 186 further encoded with machine-readable instructions for selecting to use attributes of a specific program in training the neural network.

188. (New) The machine-readable media of claim 186 further encoded with machine-readable instructions for ignoring selected program types in training the neural network.

189. (New) The machine-readable media of claim 178 further encoded with machine-readable instructions for selectively associating with each of plural users a different program attribute to be determined.

190. (New) The machine-readable media of claim 178 wherein the display region is an overlay.

191. (New) The machine-readable media of claim 178 wherein the displaying comprises displaying a video display region having compressed video of the program airing on the current channel and simultaneously displaying the display region containing the identified program listing.

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192. (New) The machine-readable media of claim 178 wherein the displaying further comprises displaying an on-screen confirmation portion confirming that user program identifying is being aided.

193. (New) The machine-readable media of claim 192 wherein the displaying on-screen confirmation portion comprises displaying an iconic on-screen confirmation portion.

194. (New) The machine-readable media of claim 192 wherein the displaying on-screen confirmation portion comprises displaying a textual on-screen confirmation portion.

195. (New) The machine-readable media of claim 178 further encoded with machine-readable instructions for allowing the user to select the program listing contained in the display region.

196. (New) The machine-readable media of claim 195 further encoded with machine-readable instructions for displaying one of the suggested programs in response to the user selecting the program listing contained in the display region.

197. (New) The machine-readable media of claim 195 further encoded with machine-readable instructions for displaying selectable options for accessing one of the suggested programs in response to the user selecting the program listing contained in the display region.

198. (New) The machine-readable media of claim 178 further encoded with machine-readable instructions for selectively enabling user program identifying that is aided.

199. (New) The machine-readable media of claim 178 further encoded with machine-readable instructions for allowing the user to invoke the displaying.

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200. (New) The machine-readable media of claim 178 wherein the identifying comprises building a list of program listings from a program listings database stored at user television equipment.

201. (New) The machine-readable media of claim 178 further encoded with machine-readable instructions for allowing the user to select to use at least one attribute of the program airing on the current channel in identifying program listings.

202. (New) Machine-readable media for use in a system in which an interactive television program guide is at least partially implemented on user television equipment, wherein the media is encoded with machine-readable instructions for performing the method comprising:

displaying a television screen having video of a current program airing on a current channel;

allowing the user to sequentially browse program listings for available programming by selectively displaying for each program listing a display region on the television screen;

limiting which program listings are displayed in the display region based on various program

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attributes of television programs that have been viewed by the user; and

allowing the user to adjust the relative importance of various program attributes that are used to limit the displayed program listings.

203. (New) The machine-readable media of claim 202 wherein the limiting comprises building a list of program listings from a program listings database based on the various program attributes of television programs that have been viewed by the user.

204. (New) The machine-readable media of claim 202 further encoded with machine-readable instructions for allowing the user to select the displayed program listing to access the program associated with the displayed program listing.

205. (New) The machine-readable media of claim 202 wherein limiting comprises using a neural network to limit which program listings are displayed.

206. (New) The machine-readable media of claim 202 wherein the display region is an overlay.
